

IN THE CLAIMS:

Please cancel 62-69 in their entirety without prejudice nor disclaimer of the subject matter set forth therein.

Please amend claims 38-40, 54-56 and 61 as follows.

38. (Previously Presented) A data transceiving system for causing a broadcasting station to transmit data to a plurality of television receivers through broadcasting and causing said television receivers to transmit response information to response information receiving equipment via a communication line ~~having a certain transmission capability in response to said data transmission,~~

wherein said broadcasting station transmits to said television receivers determining data for determining initial transmission scheduling time and ~~retrial information at the same time, by which said television receivers retransmit said response information said~~ retrial information making said television receivers retransmit said response information when communication between said television receivers and said response information receiving equipment is unsuccessful, ~~and said retrial information is contained in said transmitted data, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.~~

39. (Previously Presented) A data transceiving system for causing a broadcasting station to transmit data to a plurality of television receivers through broadcasting and causing said television receivers to transmit response information to response information receiving equipment via a communication line ~~having a certain transmission capability in response to said data transmission,~~

wherein each of said television receivers receive determining data for determining initial transmission scheduling time and retrial information transmitted by said broadcasting station at the same time, ~~transmits to said television receivers retrial information by which said television receivers retransmit said response information said retrial information making each of said television receivers retransmit said response information when communication with~~ between said television receivers and said response information receiving equipment is unsuccessful; and upon receipt of said retrial information contained in said broadcasting data transmitted by said broadcasting station, each of said television receivers controls retransmission of said response information to said response information receiving equipment based on said retrial information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.

40. (Previously Presented) A television receiver for displaying images in response to receipt of data transmitted by a broadcasting device, for transmitting response information to response information receiving equipment via a communication line ~~having a certain transmission capability, and for retransmitting said response information to said response information receiving equipment when communication between said television receiver and said response information receiving equipment is unsuccessful,~~

wherein upon receipt determining data for determining initial transmission scheduling time and retrial information transmitted by said broadcasting station at the same time, said retrial information making said television receiver retransmit said response information when communication with said response information receiving equipment is unsuccessful ~~of retrial information contained in said broadcasting data transmitted by said~~

~~broadcasting station, said television receiver controls retransmission of said response information to said response information receiving equipment based on said retrieval information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.~~

41. (Previously Presented) The television receiver according to claim 40, wherein said initial transmission scheduling times with said response information receiving equipment are specified by random computation based on received delay information.

42. (Previously Presented) The television receiver according to claim 40, wherein determination as to whether or not to make retrieval transmissions is based on a transmission end time sent from said broadcasting device.

43 (Previously Presented) The television receiver according to claim 40, comprising detection means for detecting causes of non-establishment of communications with said response information receiving equipment.

44. (Previously Presented) The television receiver according to claim 43, comprising retrieval condition alteration means for altering conditions for subsequent retrieval transmissions based on said detected causes.

45. (Previously Presented) The television receiver according to claim 44, wherein said retrieval condition alteration means generate notification data for altering a setting time width for retrieval transmissions.

46. (Previously Presented) The television receiver according to claim 44, wherein said retrieval condition alteration means suspend retrieval transmissions.

47. (Previously Presented) The television receiver according to claim 43, wherein notification data is generated for notifying of said detected causes.

48. (Previously Presented) The television receiver according to claim 40, wherein time remaining for transmission is computed from a transmission end time sent from said broadcasting device, and said retrial transmission conditions are altered according to said time remaining for transmission.

49. (Previously Presented) The television receiver according to claim 40, wherein notification data is generated for notifying of results of communications with said response information receiving equipment.

50. (Previously Presented) The television receiver according to claim 49, wherein communication results are received from said response information receiving equipment and notification data is generated.

51. (Previously Presented) The television receiver according to claim 49, wherein a history of communications with said response information receiving equipment is stored in a memory and notification data is generated.

52. (Previously Presented) The television receiver according to claim 41, comprising:

storing means for storing said response information to be transmitted after a delay; and

notification means for notifying of said response information.

53. (Previously Presented) The television receiver according to claim 52, comprising editing means for editing said response information when an edit instruction is sent from a user.

54. (Previously Presented) A television receiver, comprising:

means for receiving data sent from a broadcasting device;

means for outputting display data to a display means based on said received data;

means for inputting response information by an operator based on display of said display data by said display means; and

communication means for transmitting said response information via a communication line ~~having a certain transmission capability,~~

wherein said receiving means determines data for determining initial transmission scheduling time and retrial information transmitted by said broadcasting station at the same time and said communication means retransmits said response information according with said retrial information when communication with said response information receiving equipment is unsuccessful.

~~wherein said communication means retransmits said response information when communication between said television receiver and response information receiving equipment is unsuccessful, said receiving means receives retrial information contained in said data transmitted by said broadcasting device, and said communication means controls retransmission of said response information to said response information receiving equipment based on said retrial information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.~~

55. (Previously Presented) A television receiver, comprising:

means for receiving data sent from a broadcasting device;

means for displaying data based on said received data;

communication means for transmitting response information via a communication line ~~having a certain transmission capability,~~

wherein said receiving means determines data for determining initial transmission scheduling time and retrieval information transmitted by said broadcasting station at the same time and said communication means retransmits said response information according with said retrieval information when communication with said response information receiving equipment is unsuccessful. ~~said communication means retransmits said response information when communication between said television receiver and response information receiving equipment is unsuccessful, said receiving means receives retrieval information contained in said data transmitted by said broadcasting device, and said communication means controls retransmission of said response information to said response information receiving equipment based on said retrieval information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.~~

56. (Previously Presented) A data receiving device, comprising:

means for receiving data sent from a broadcasting device; and

communication means for transmitting response information via a communication line ~~having a certain transmission capability,~~

wherein said receiving means determines data for determining initial transmission scheduling time and retrieval information transmitted by said broadcasting station at the same time and said communication means retransmits said response information according with said retrieval information when communication with said response information receiving equipment is unsuccessful. ~~said communication means retransmits said response information when communication between said television receiver and response information receiving equipment is unsuccessful, said receiving means receives retrieval information~~

~~contained in said data transmitted by said broadcasting device, said communication means controls retransmission of said response information to said response information receiving equipment based on said retrial information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.~~

57. (Previously Presented) The data receiver according to claim 56, wherein said communication means comprise:

retrial time specifying data computation means for computing retrial time specifying data for specifying retrial times based on said retrial information, when communication with said response information receiving equipment is unsuccessful; and

transmission means for retransmitting said response information when said retrial time is reached.

58. (Previously Presented) The data receiver according to claim 56, wherein initial transmission scheduling times with said response information receiving equipment are specified after being randomly computed based on received delay information.

59. (Previously Presented) The data receiver according to claim 56, wherein determination as to whether or not to make retrial transmission is made based on transmission end time provided by said broadcasting device.

60. (Previously Presented) The data receiver according to claim 56, comprising detection means for detecting causes of non-establishment of communications with said response information receiving equipment.

61. (Previously Presented) A television receiver, comprising:

a tuner for selecting a transport stream from data sent from a broadcasting device;

a transport decoder for selecting display data of a desired service from said selected transport stream;

an AV decoder for outputting said display data of said selected service to a monitor;

a control input unit for a user to input response information;

a line communication unit for sending said response information via a communication line;

a CPU; and

a memory in which a control program for said CPU is stored,

wherein said tuner determines data for determining initial transmission scheduling time and retrieval information transmitted by said broadcasting station at the same time and said control program retransmits said response information according with said retrieval information when communication with said response information receiving equipment is unsuccessful. ~~said control program retransmits said response information via said line communication unit based on retrieval information contained in the broadcast data, when communication with said response information receiving equipment is unsuccessful.~~

62. – 69. (Cancel)

Please add new claims 70 and 71 as follows.

70. (New) A data transceiving method for receiving data from a broadcast device and sending response information via a communication line to a response information receiving equipment, comprising:

transmitting data for determining initial transmission scheduling time and
retrial information transmitted at the same time from said broadcasting device,

determining initial transmission scheduling time based on said data for
determining initial transmission scheduling time,

sending said response information to said response information receiving
equipment at said initial transmission scheduling time, and

re-transmitting said response information to said response information
receiving equipment based on said retrial information received concurrently with said data
for determining initial transmission scheduling time, when communication between said
television receiver and said response information receiving equipment is unsuccessful.

71. (New) A program embodied in a recording medium for controlling, by a
computer, a television receiver that receives data broadcast from a broadcasting device and
sends response information to response information receiving equipment via a
communication line,

wherein said program comprises instructions of determining initial
transmission scheduling time based on said data for determining initial transmission
scheduling time and re-transmitting said retrial information based on said retrial information
received concurrently with said data for determining initial transmission scheduling time
when communication with said response information receiving equipment is unsuccessful.